

In the Claims:

1. (Currently amended) A tiled emissive display (500) for displaying an image, the tiled emissive display (500) comprising a plurality of emissive display tile assemblies (100) mechanically coupled together, and a processing means for performing real-time calculations with respect to the image to be displayed,

wherein the processing means is a distributed processing means distributed over the plurality of emissive display tile assemblies (100), so that each emissive display tile assembly (100) is suitable for handling a different portion of the image for performing real-time calculations and

wherein the distributed processing means is suitable for performing image upscaling or downscaling at each emissive display tile assembly (100) real-time calculations for the various pixels of the correspondent display tile assembly in relation with the ON-time, the light output and the lifetime correction of these pixels.

2. (Canceled)

3. (Original) A tiled emissive display (500) according to claim 2, wherein for the image upscaling or downscaling a high-level scaling algorithm is used.

4. (Original) A tiled emissive display (500) according to claim 3, wherein the high-level scaling algorithm is a 100% accurate scaling algorithm.

5. (Original) A tiled emissive display (500) according to claim 1, wherein the distributed processing means of the plurality of emissive display tile assemblies (100) operate in parallel.

6. (Original) A tiled emissive display (500) according to claim 1, wherein an emissive display tile assembly (100) is provided with a data input and/or a data output connection for receiving data from or transmitting data to another emissive display tile assembly (100) via any of a multi-line connection, a daisy chain connection or a star connection.

7. (Original) A tiled emissive display (500) according to claim 1, wherein an emissive display tile assembly (100) is provided with a power input and/or a power output connection for receiving power from or transmitting power to another emissive

display tile assembly (100) via any of a multi-line connection, a daisy chain connection or a star connection.

8. (Original) A tiled emissive display (500) according to claim 1, wherein an emissive display tile assembly (100) is provided with a connector allowing to combine both power and data transmission.

9. (Original) A tiled emissive display (500) according to claim 1, wherein each emissive display tile assembly (100) is provided with a local memory means for storing configuration data.

10. (Original) A tiled emissive display (500) according to claim 1, wherein an emissive display tile assembly (100) is adapted so that it can be repaired while the other tiles continue working.

11. (Original) A tiled emissive display (500) according to claim 1, wherein the tiled emissive display (500) has an adjustable size.

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Original) A tiled emissive display according to claim 1, wherein the display is an OLED display.

23. (Canceled)

24. (New) A tiled emissive display (500) according to claim 1, wherein the distributed processing means is suitable for performing image upscaling or downscaling at each emissive display tile assembly (100).